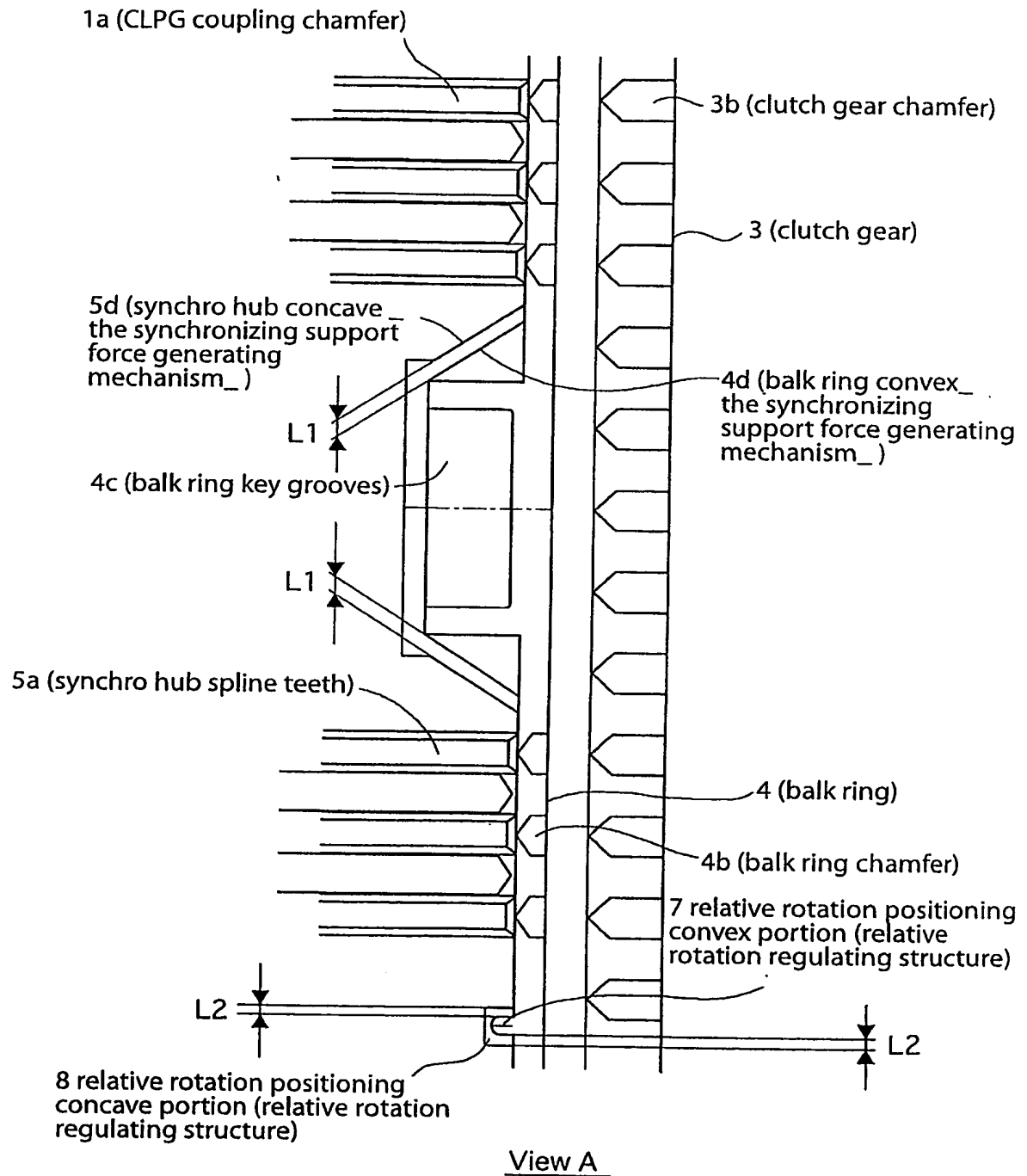
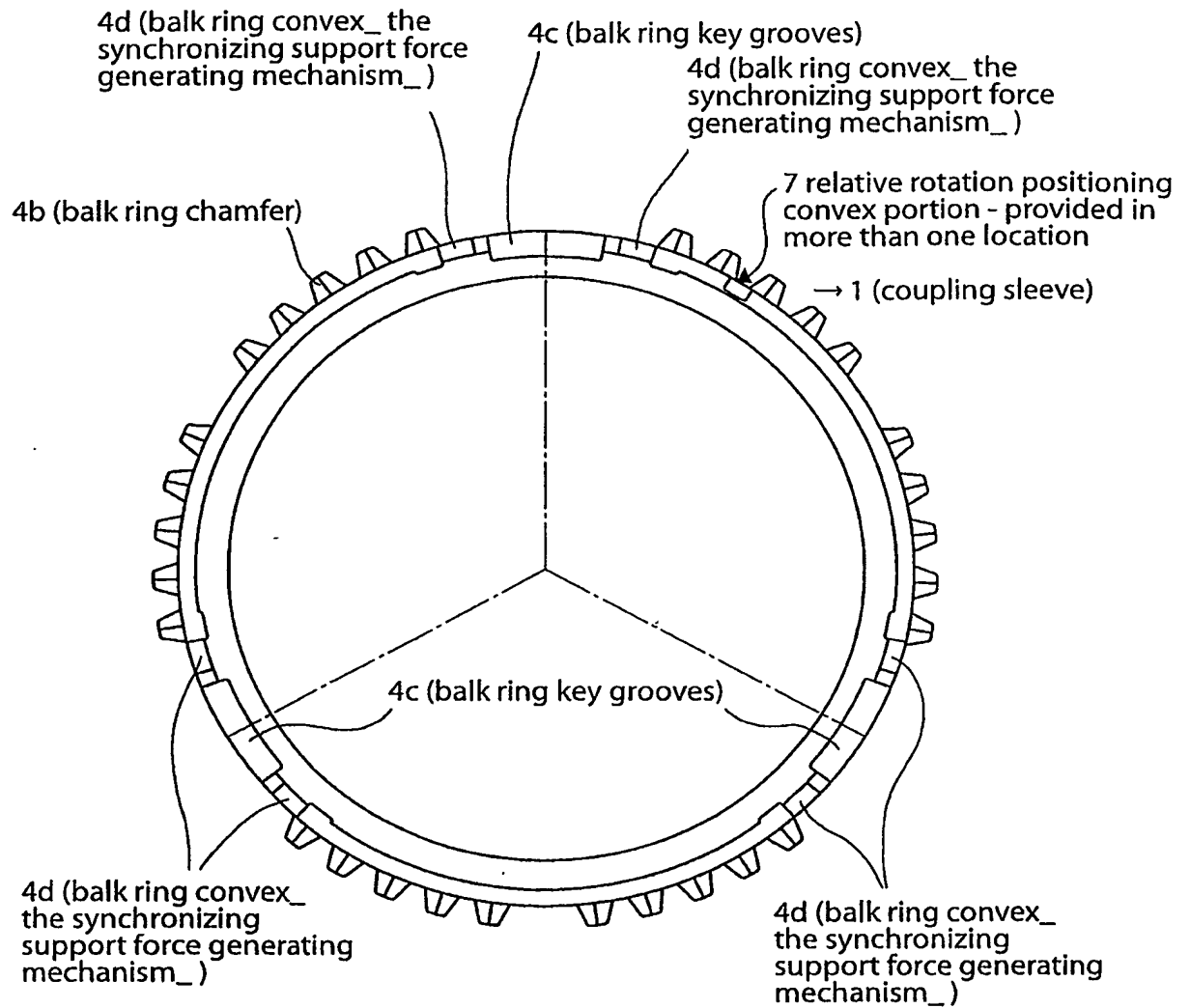


FIG. 1

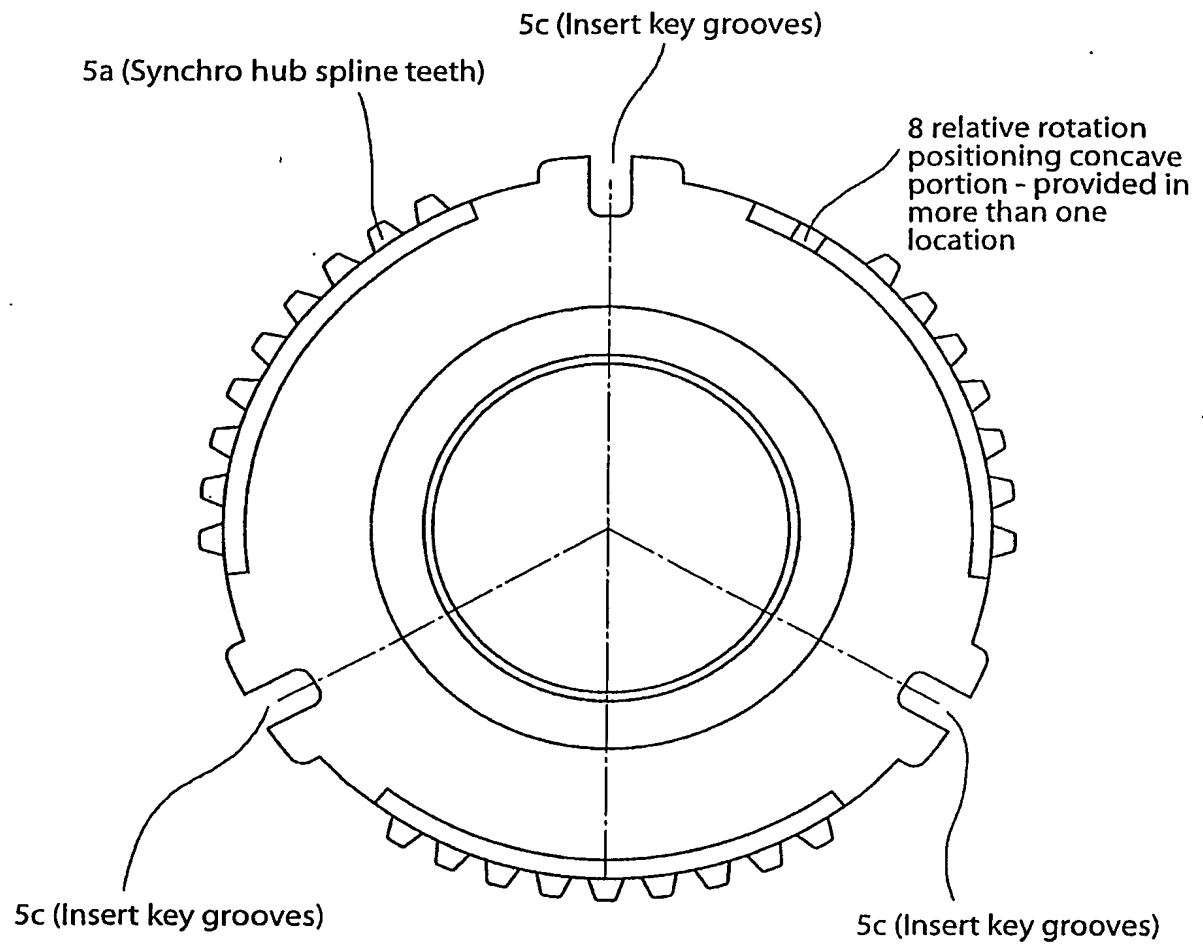
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**FIG. 2**

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Front View of the Balk Ring**FIG. 3**

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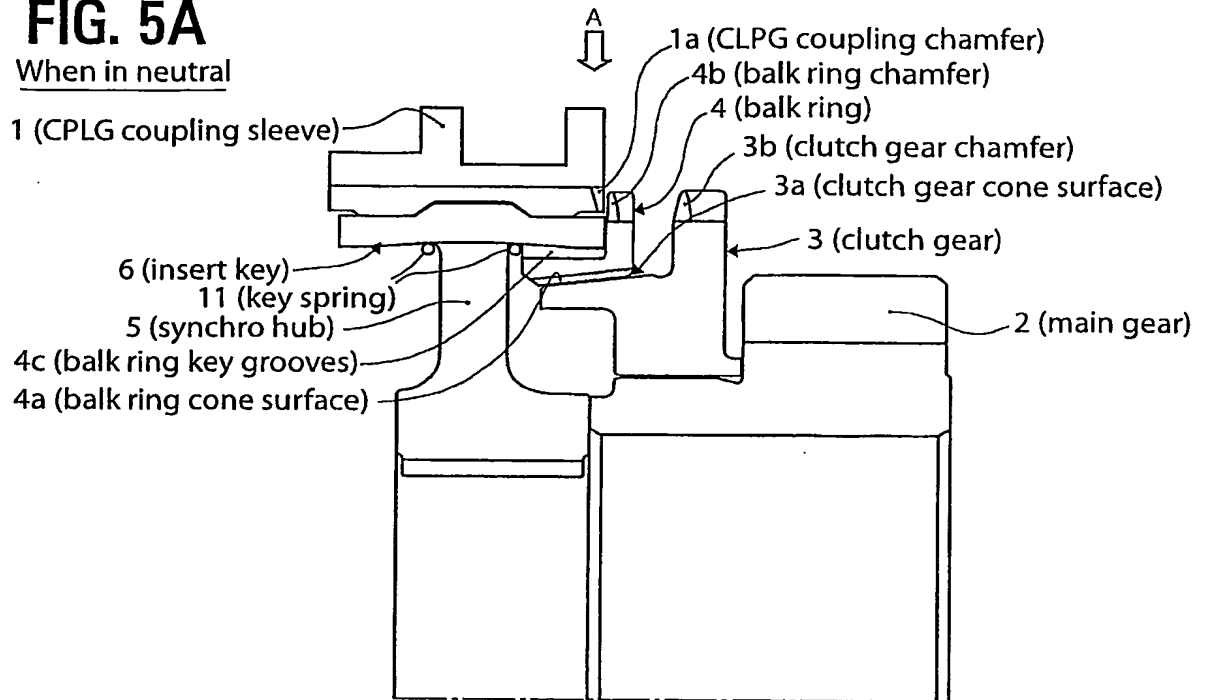
Front View of the Synchro Hub

**FIG. 4**

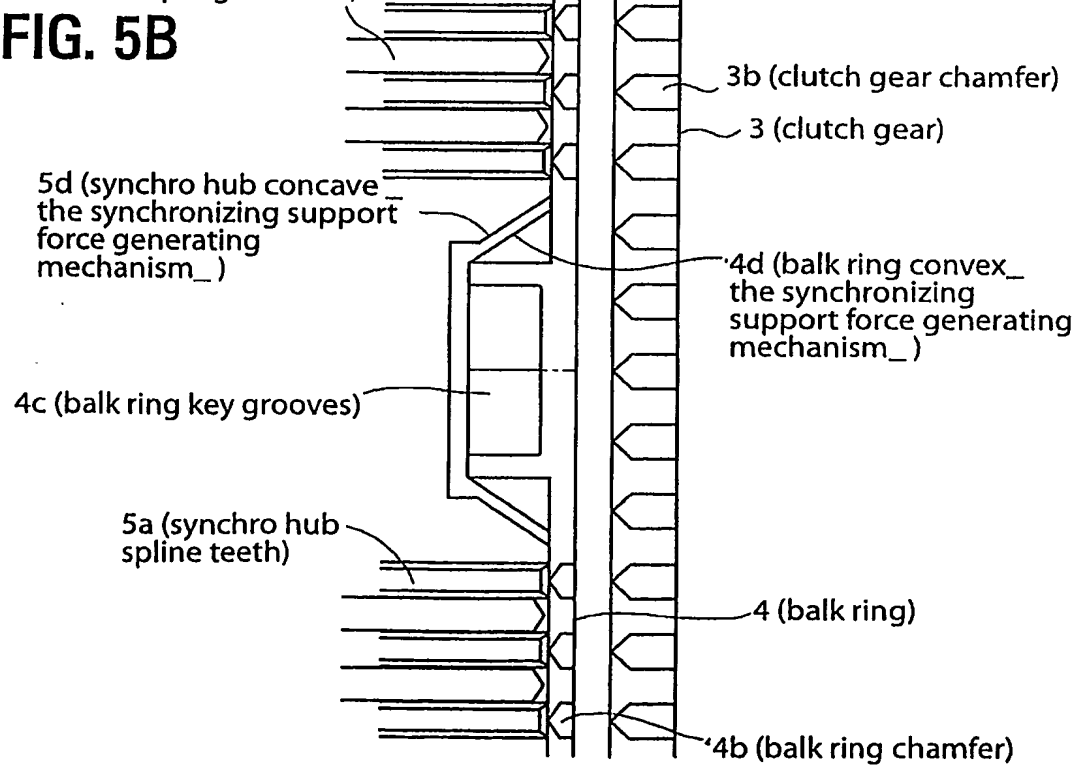
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**FIG. 5A**

When in neutral

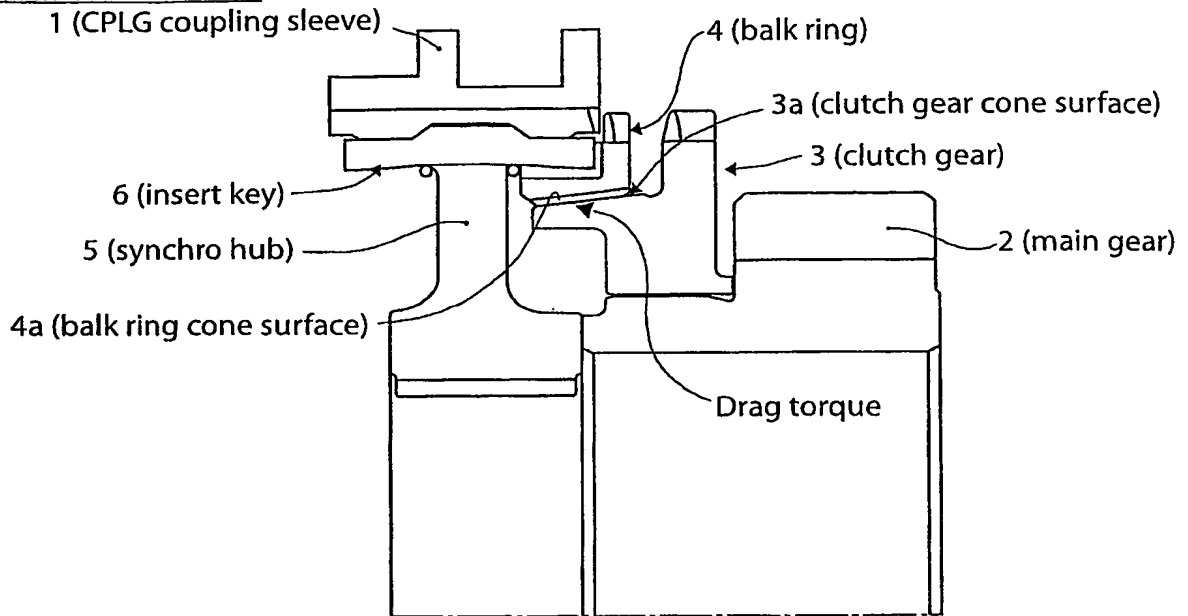


1a (CLPG coupling chamfer)

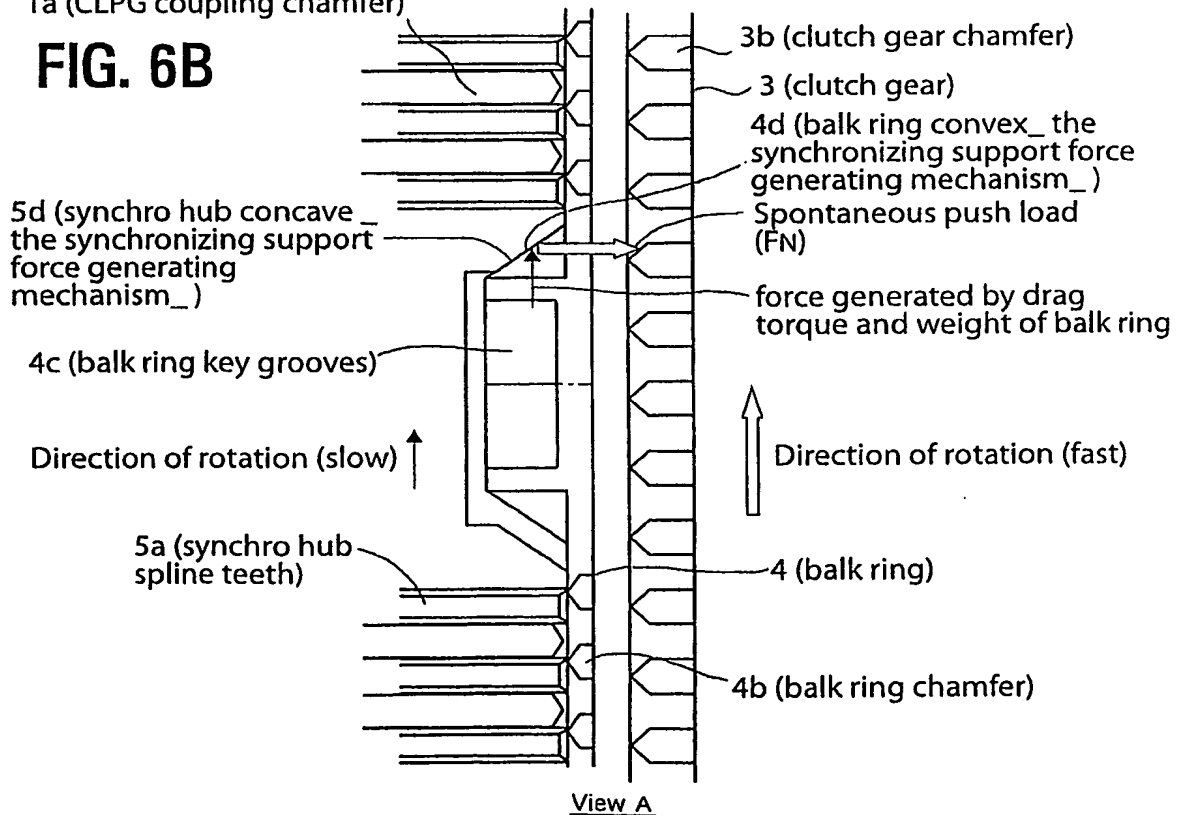
**FIG. 5B**

View A

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**FIG. 6A**Convex-concave contact made on inclined surfaces

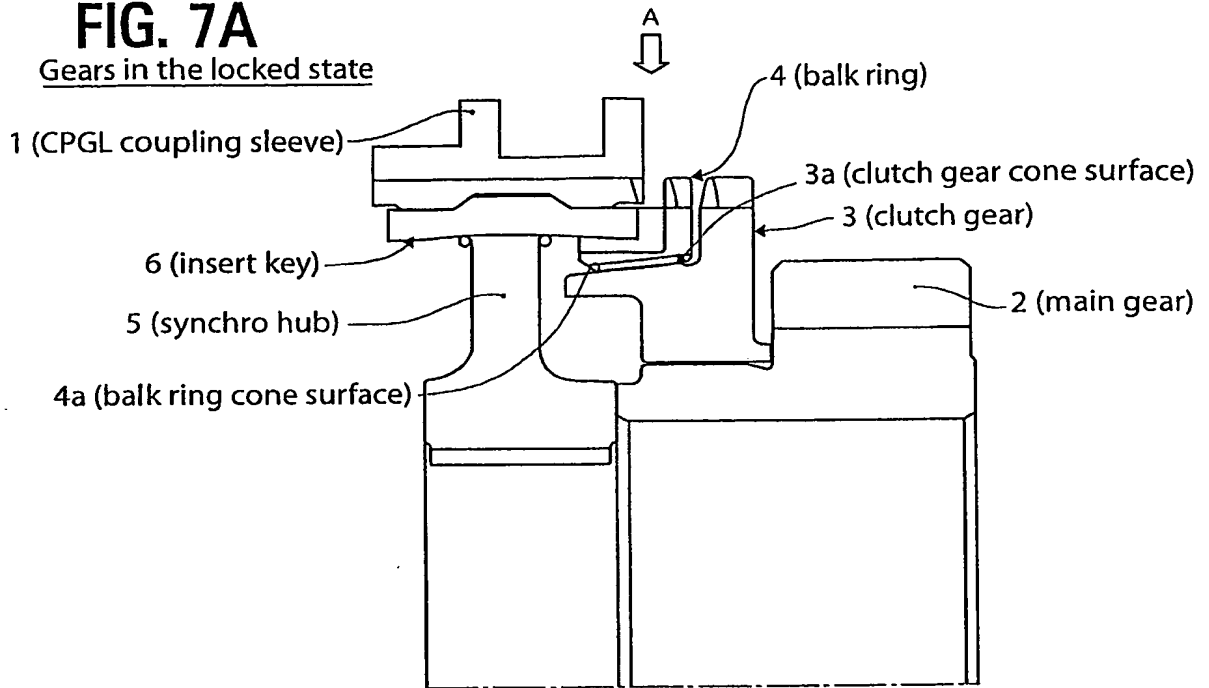
1a (CLPG coupling chamfer)

**FIG. 6B**

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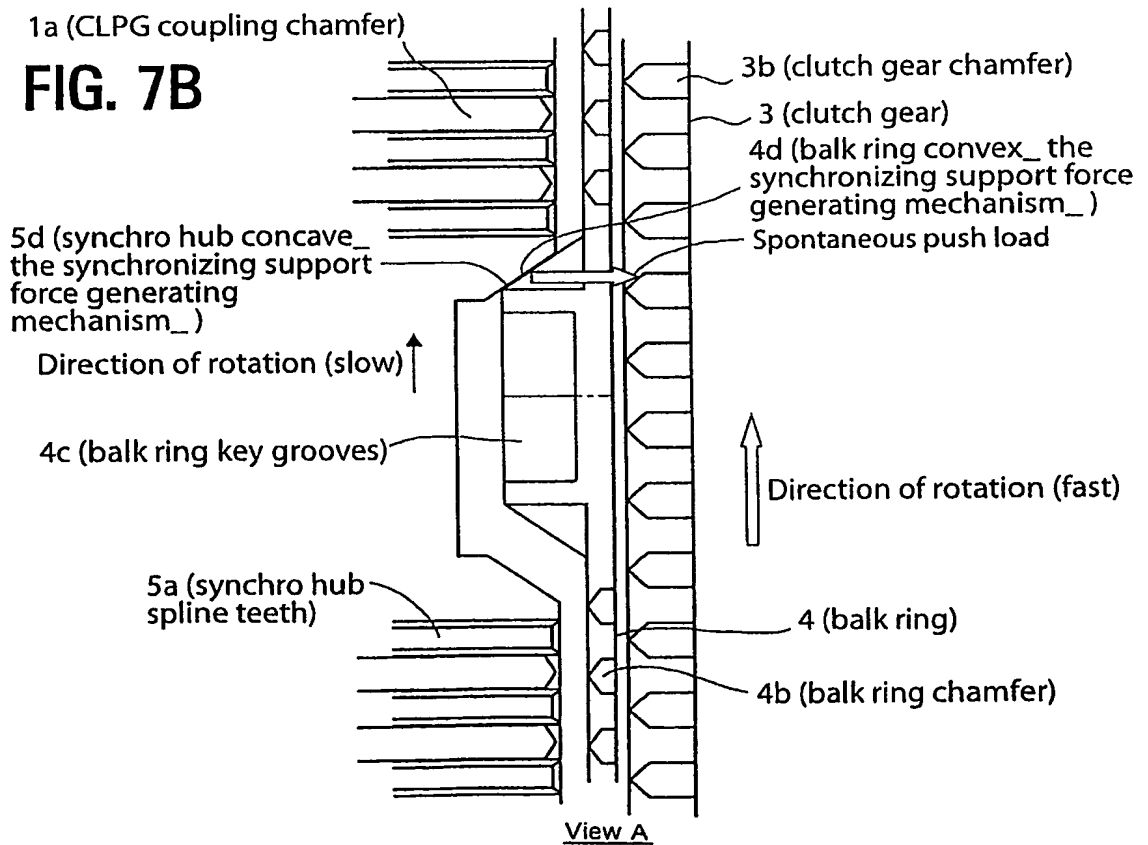
**FIG. 7A**

Gears in the locked state

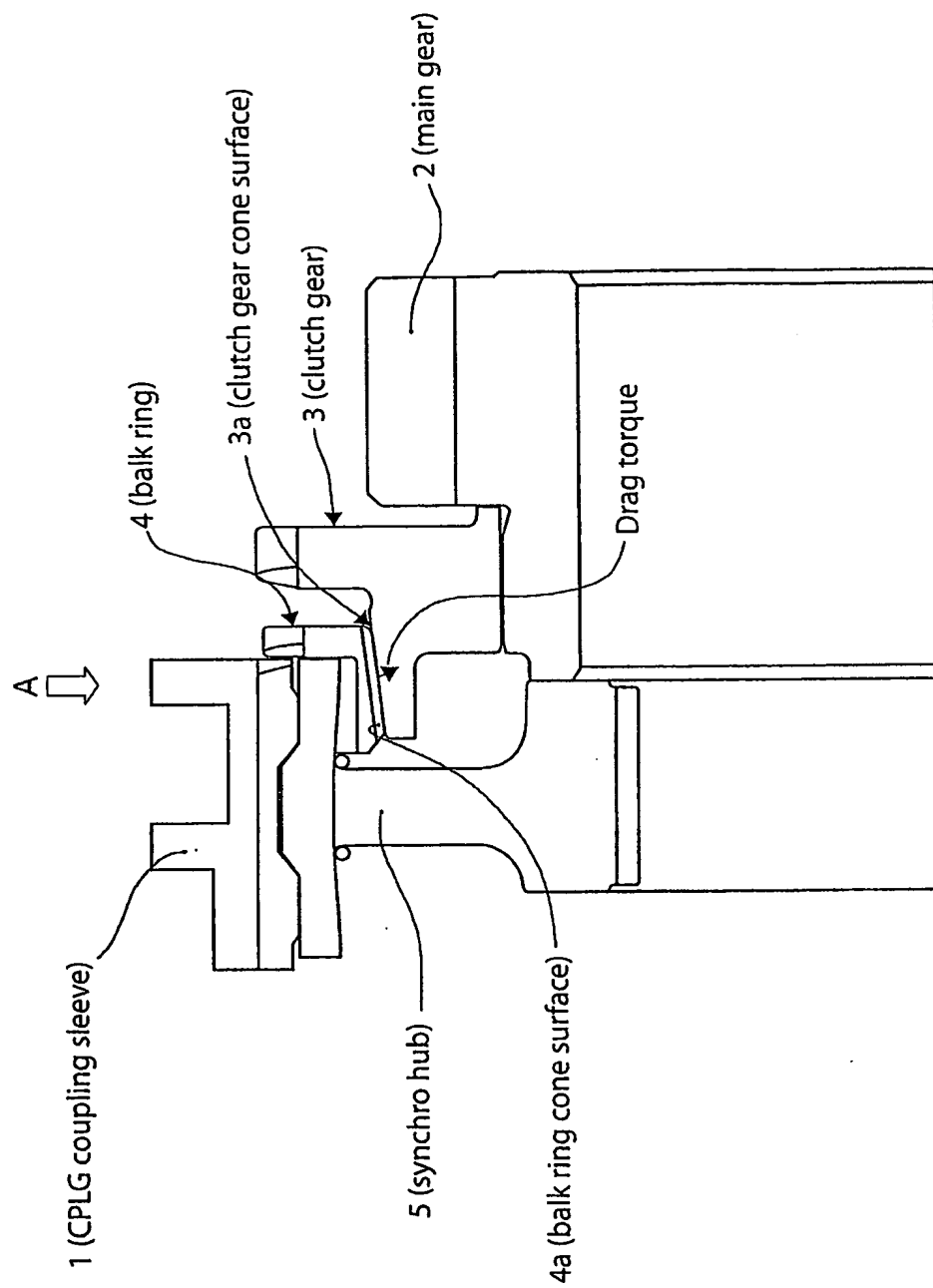


1a (CLPG coupling chamfer)

**FIG. 7B**



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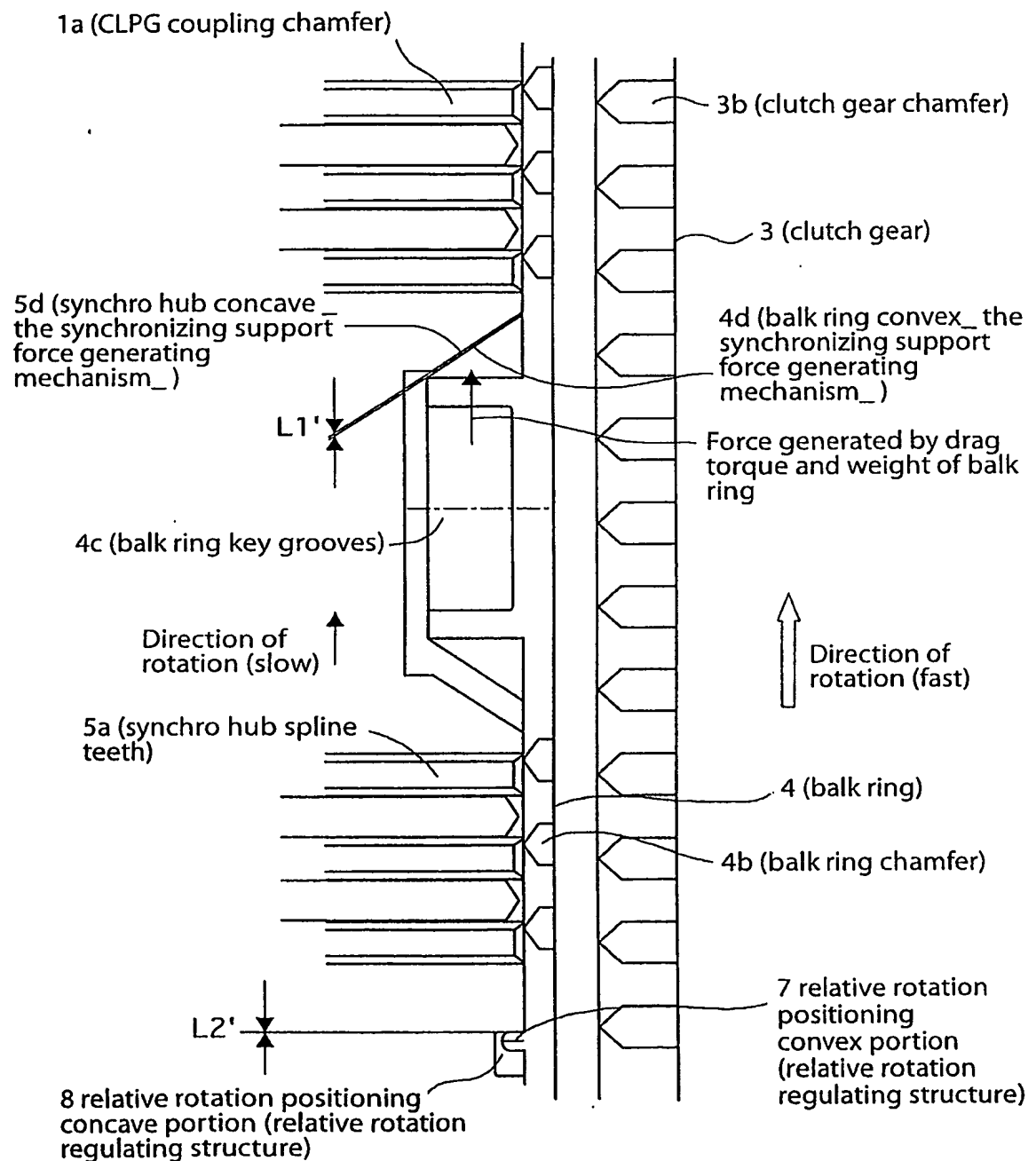


The relative rotation positioning portion in the locked state

**FIG. 8**



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**FIG. 9**

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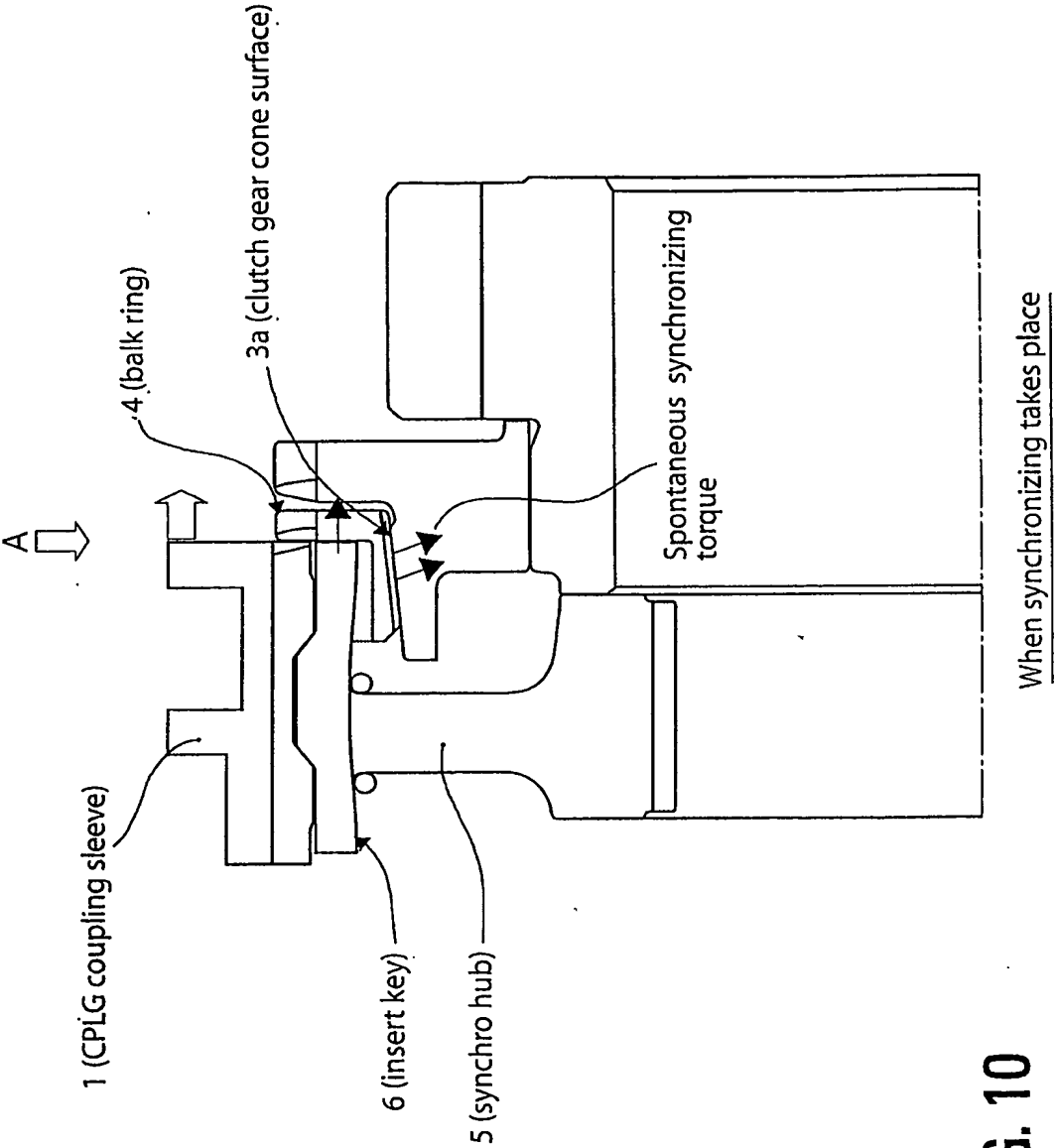
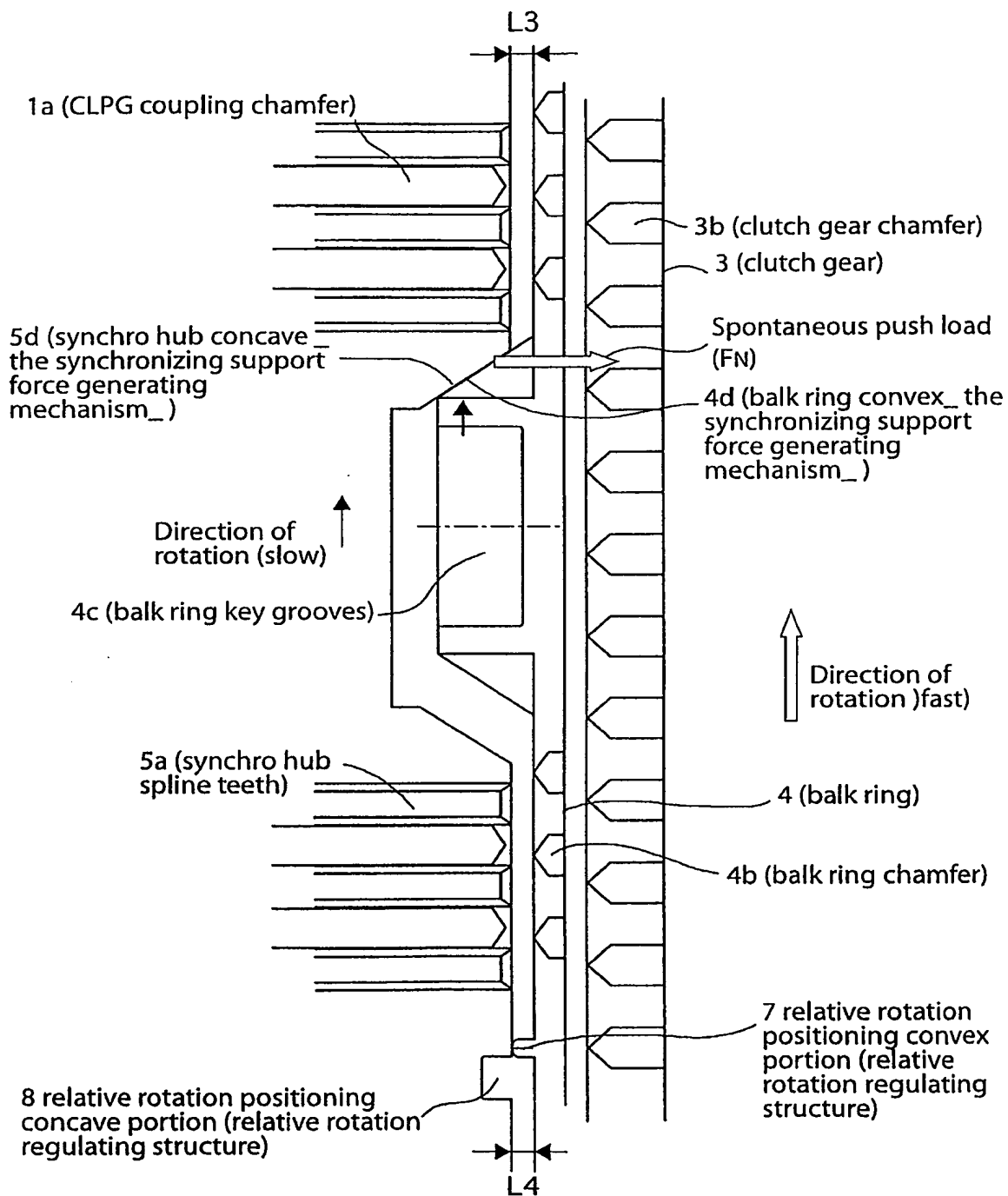


FIG. 10

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**FIG. 11**View AGap condition:  $L3 > L4$

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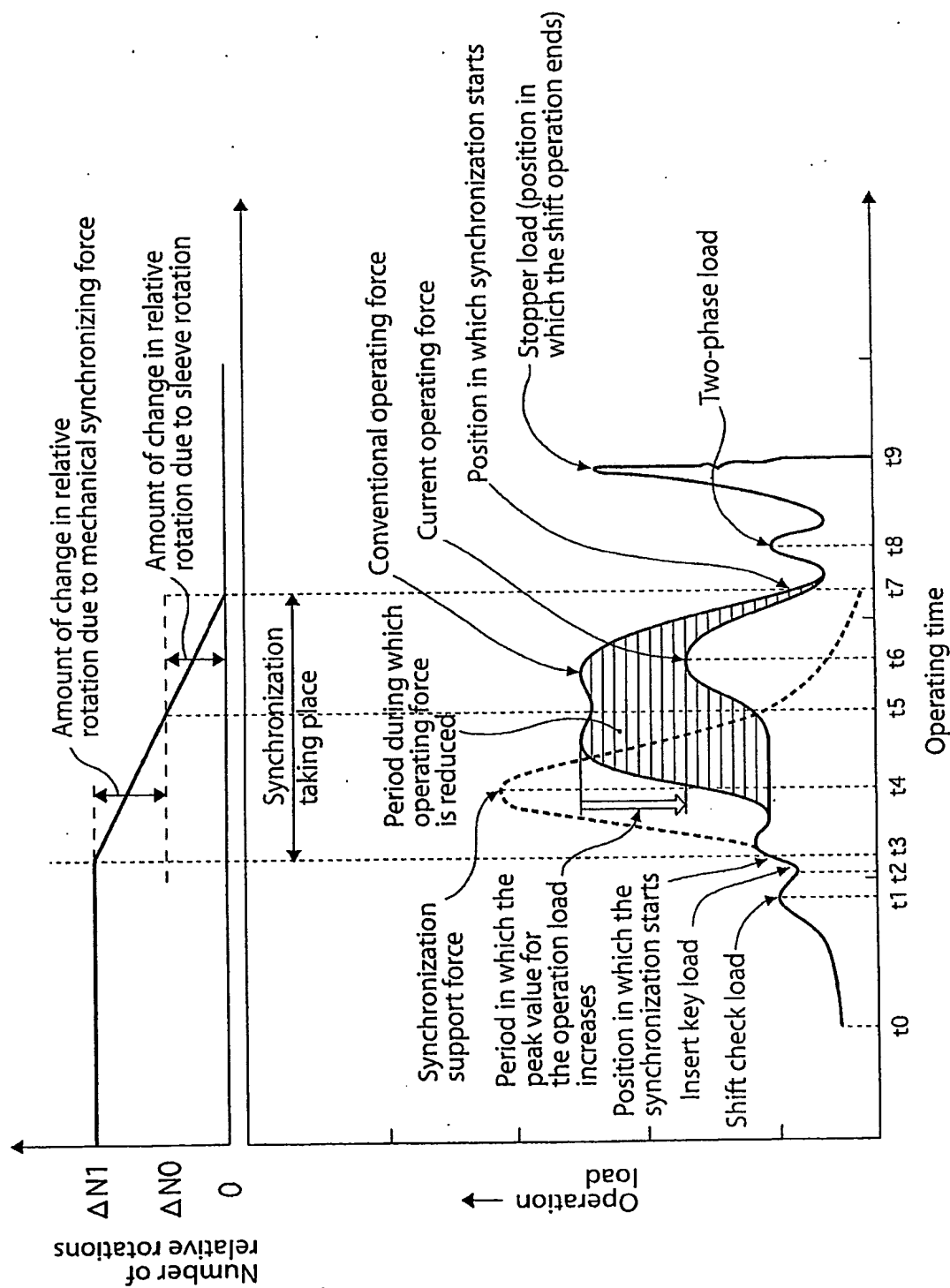


FIG. 12

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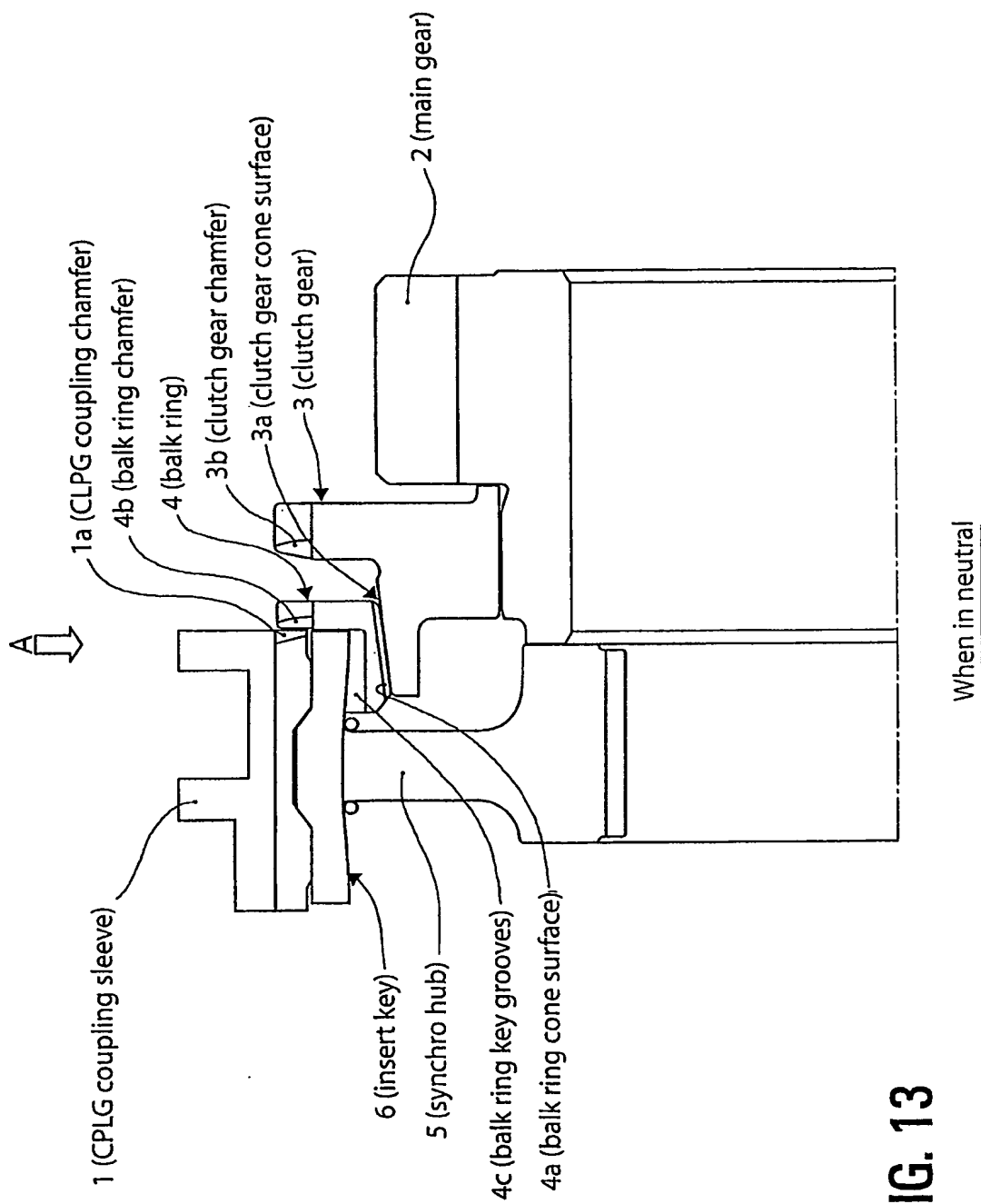


FIG. 13

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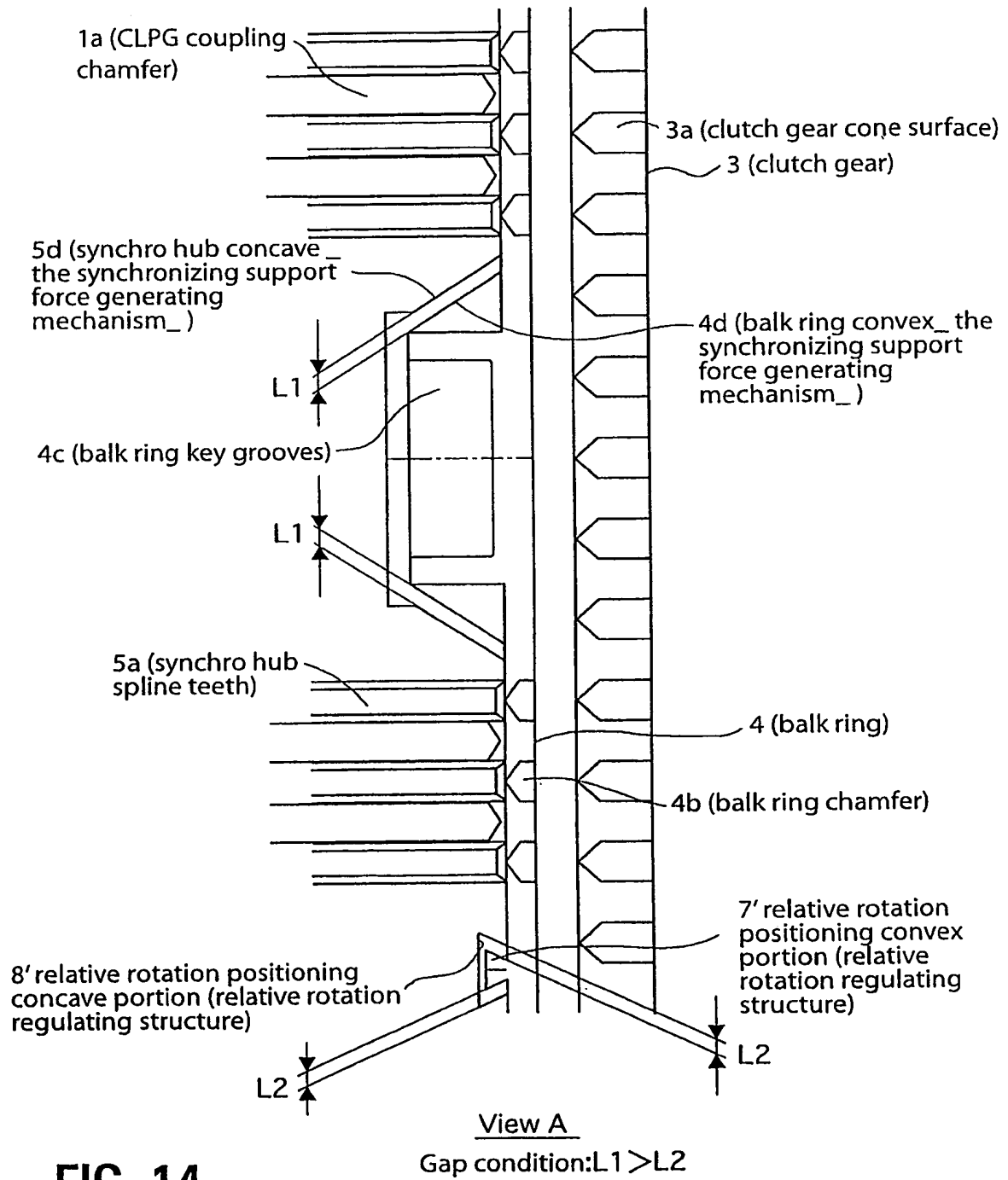
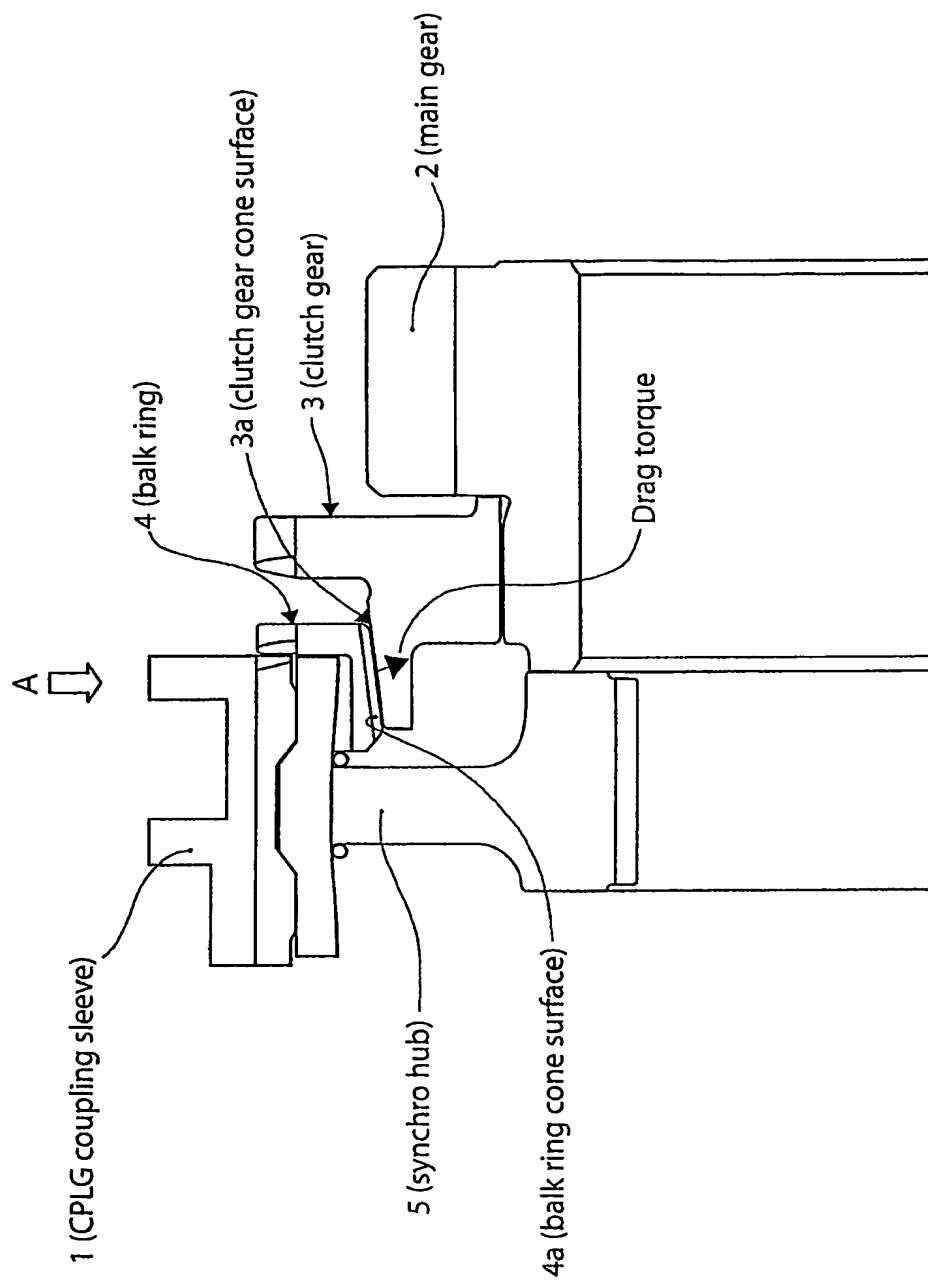


FIG. 14

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**FIG. 15**

Relative rotation positioning portion in the locked state

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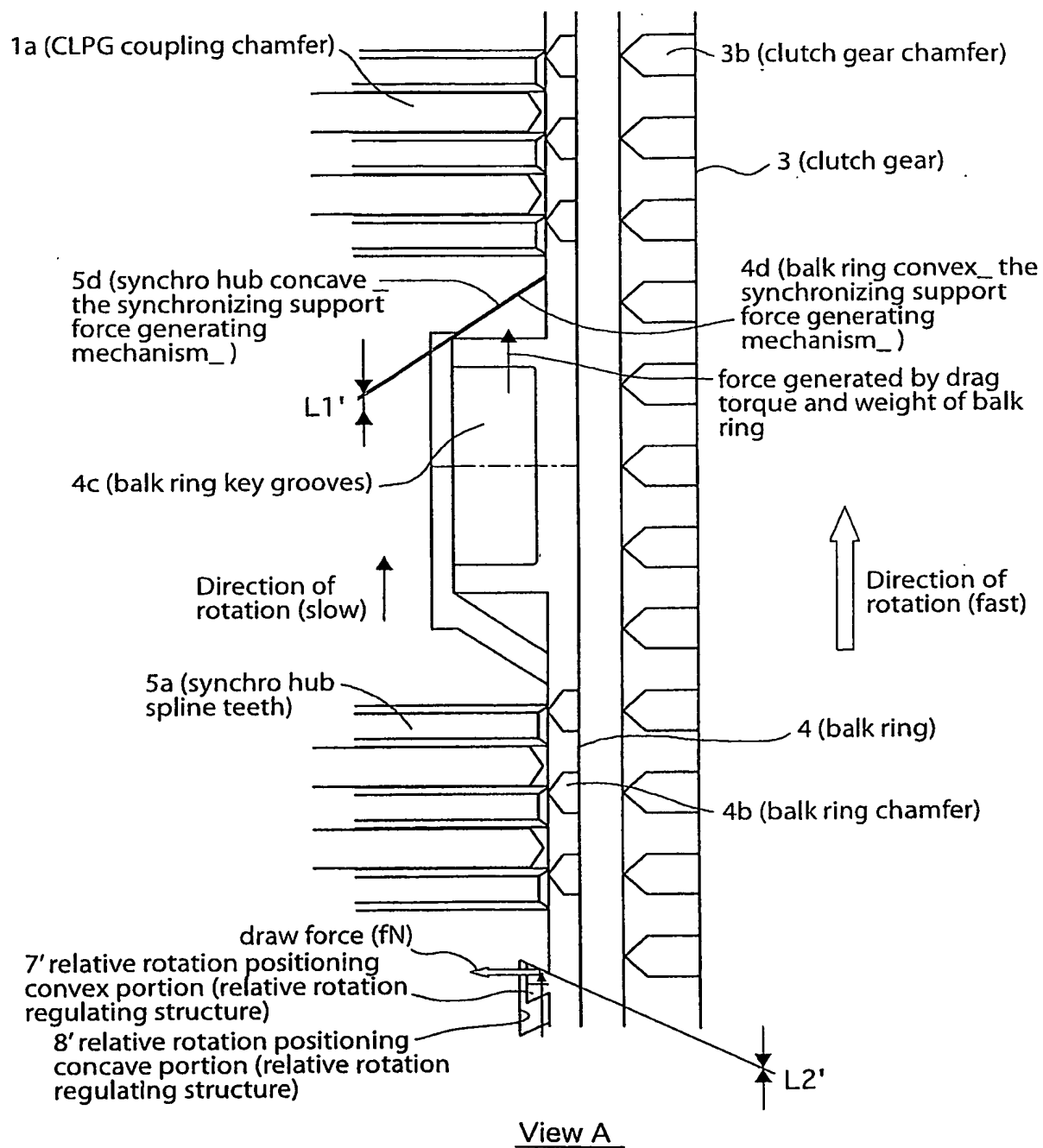


FIG. 16



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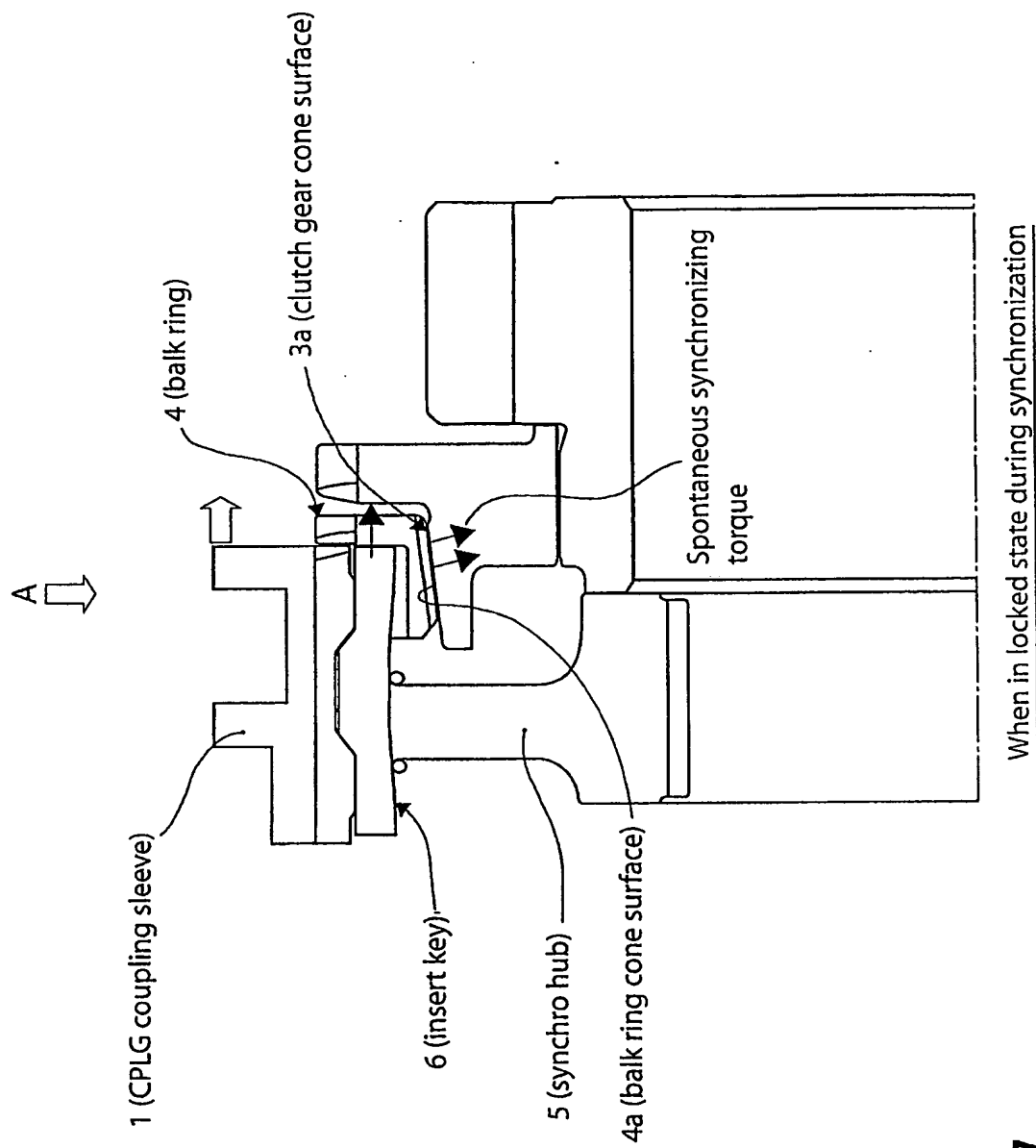
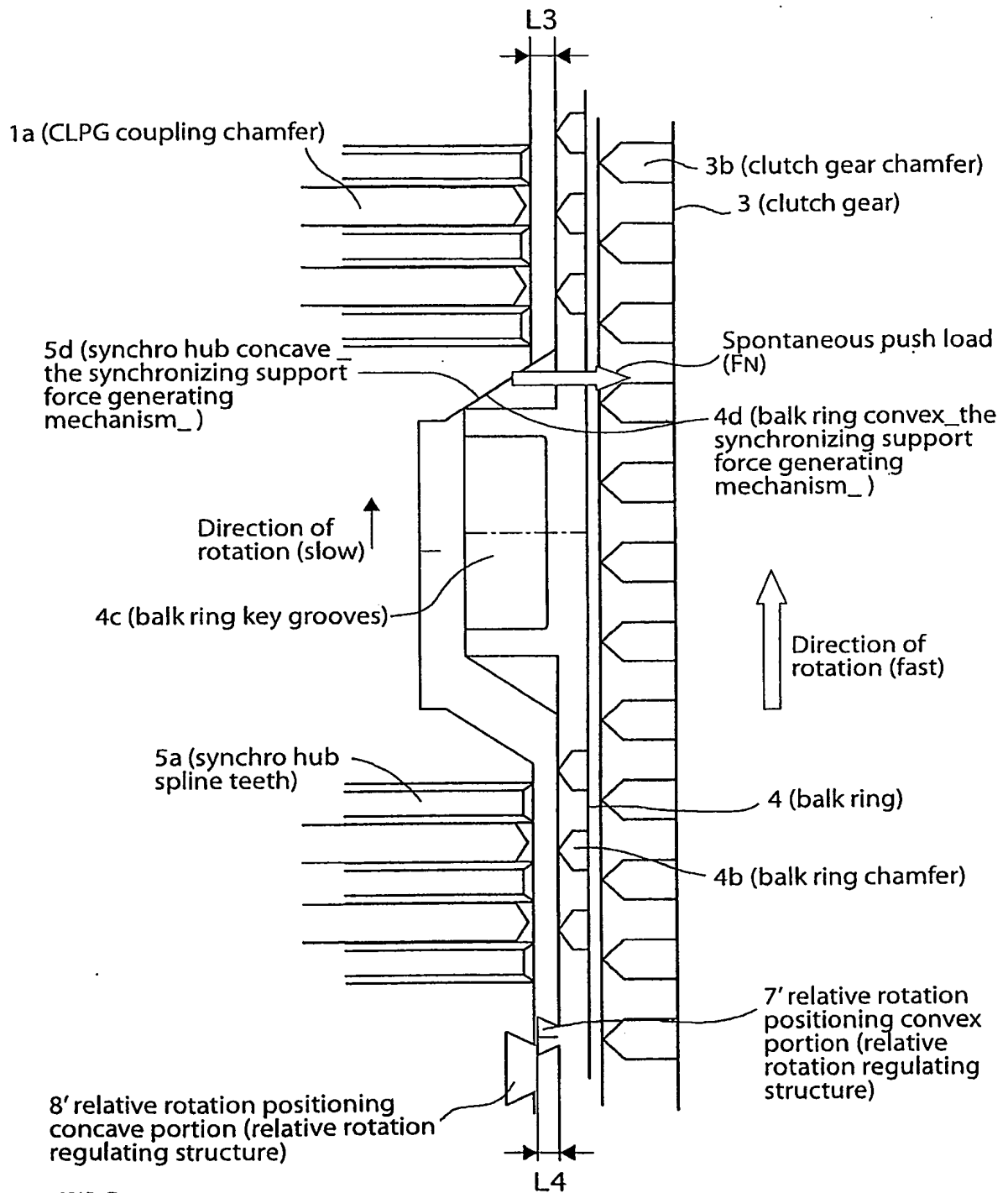
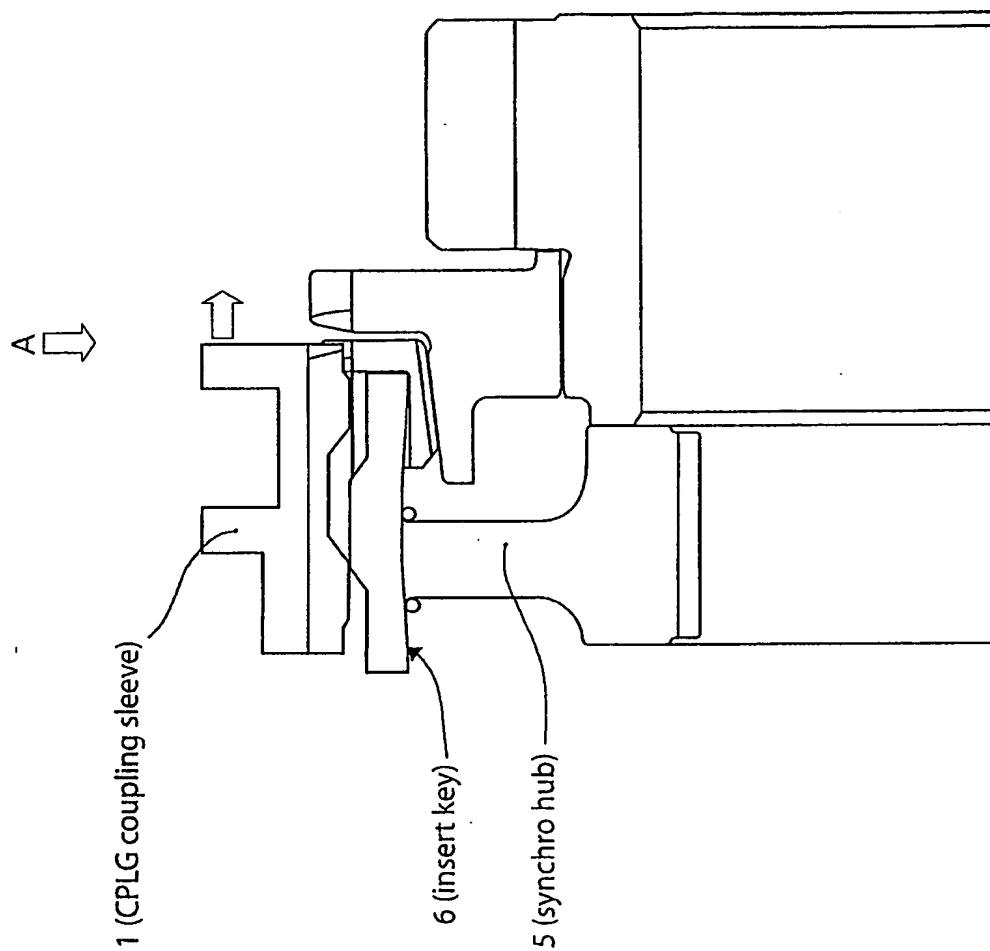


FIG. 17

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**FIG. 18**View AGap condition:  $L3 > L4$

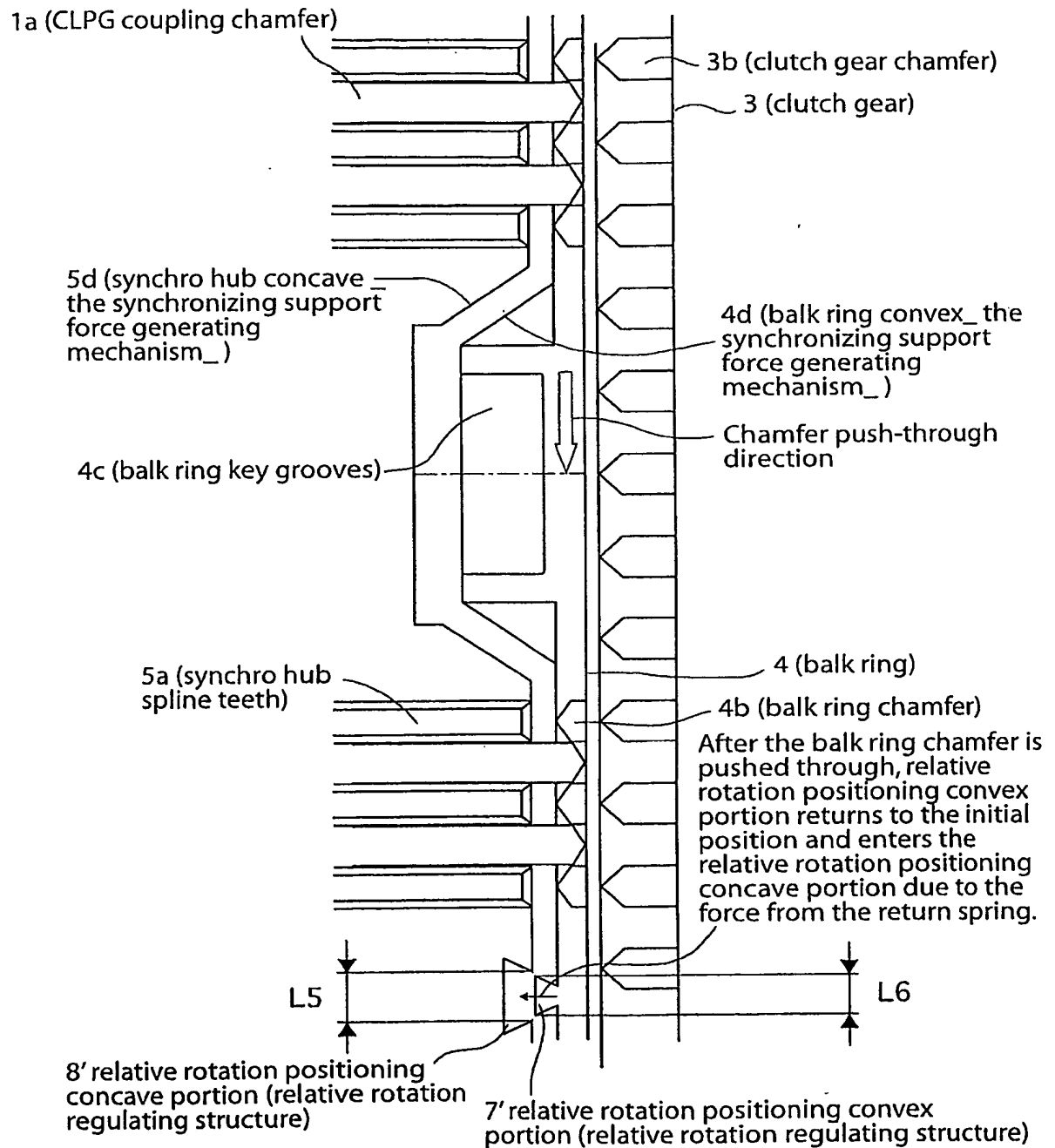
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Balk ring chamfer push-through state

FIG. 19

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**FIG. 20**View AGap condition:  $L5 > L6$

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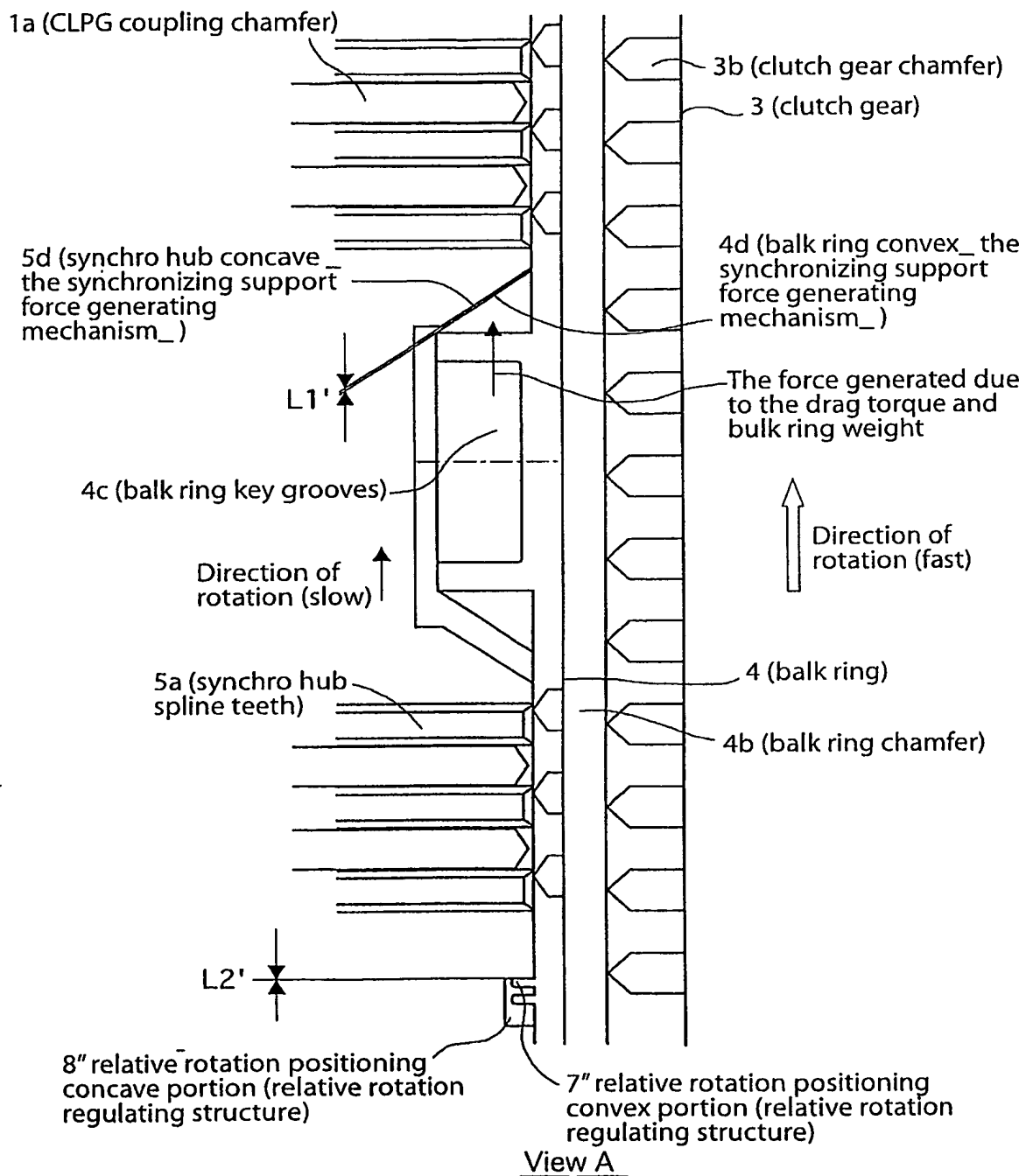


FIG. 21

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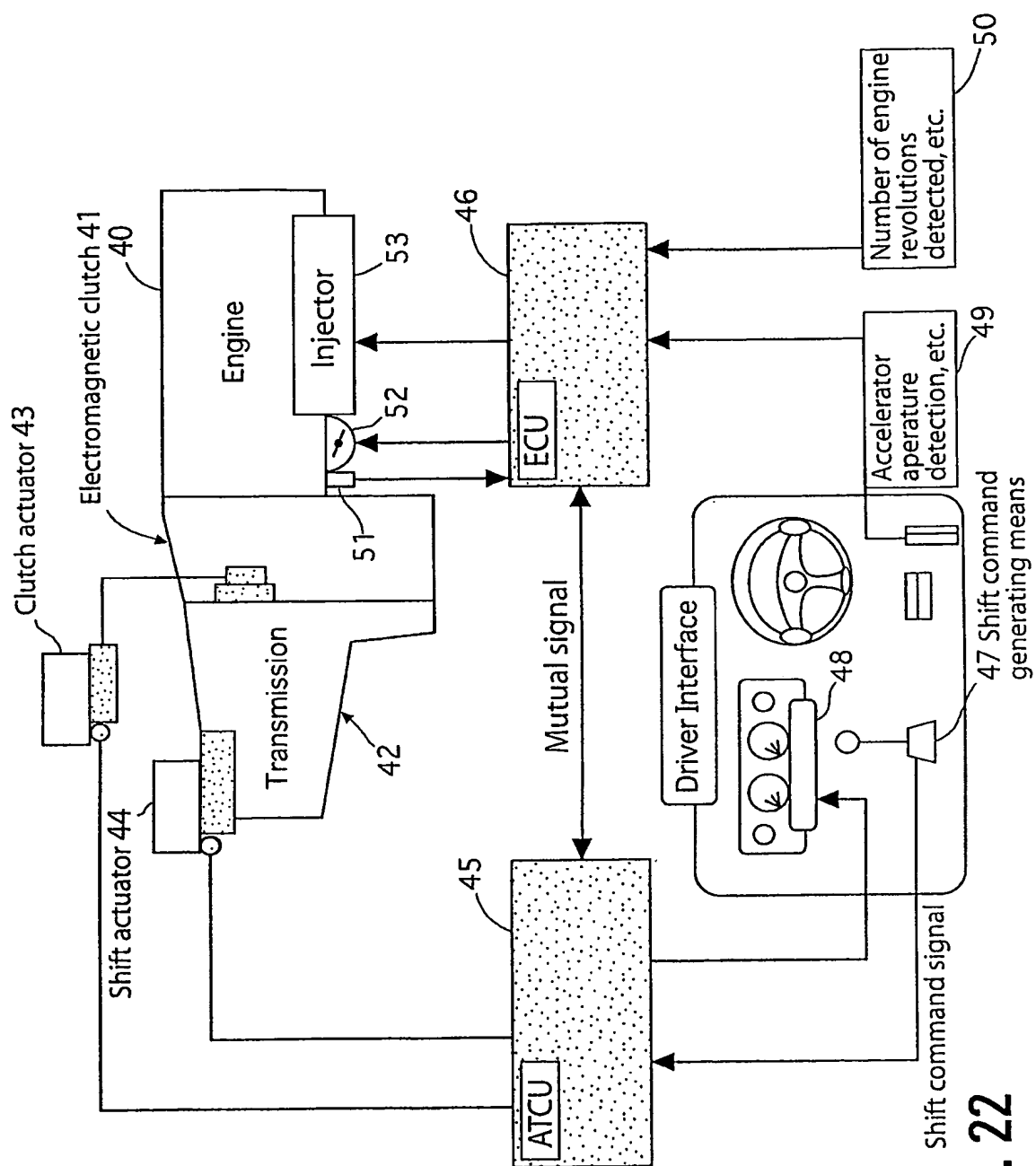


FIG. 22

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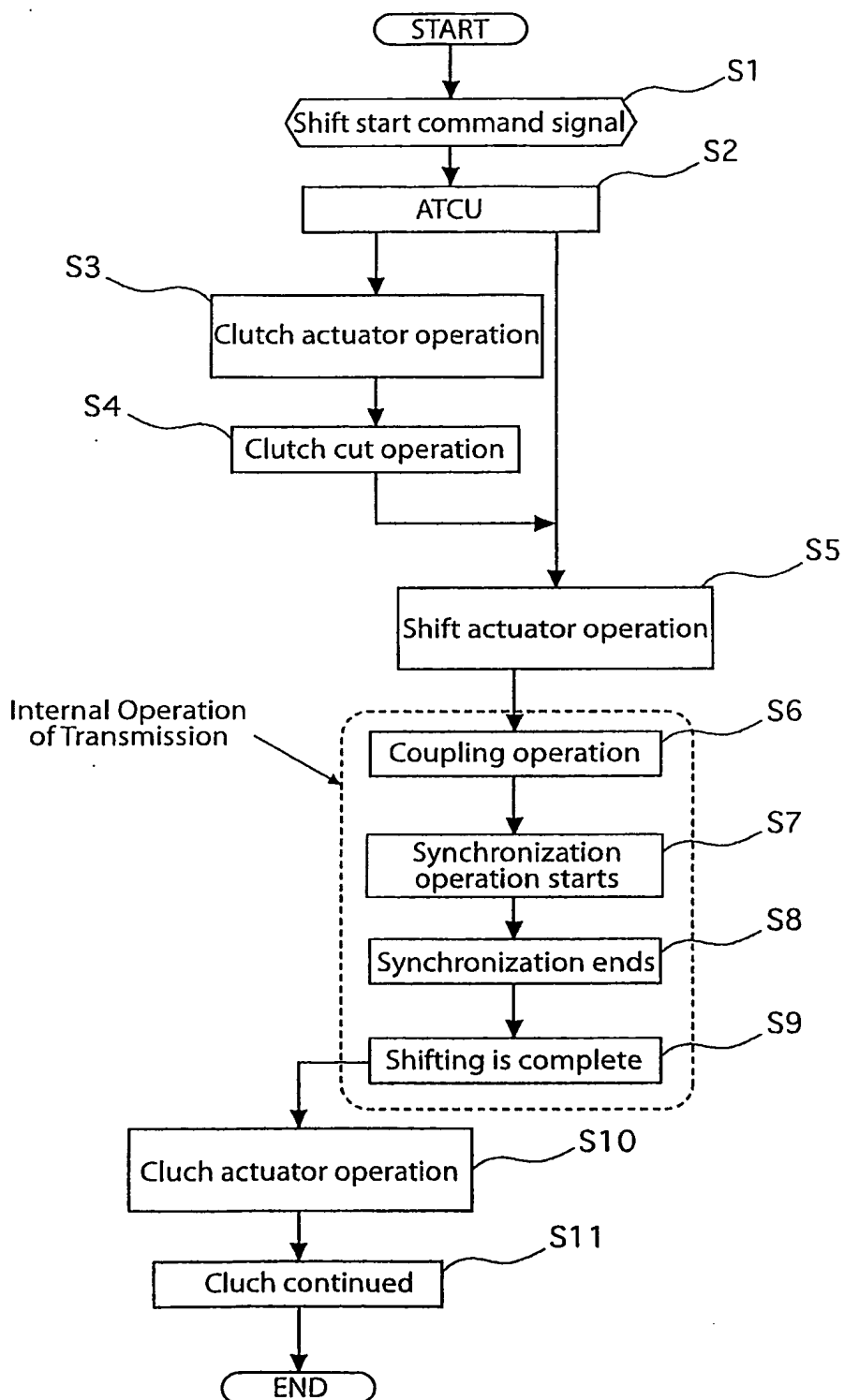


FIG. 23